Aug. 28, 1934. F. C. LAMPE 1,971,788

HEADBAND

Filed Oct. 11, 1932

Fig. 1.

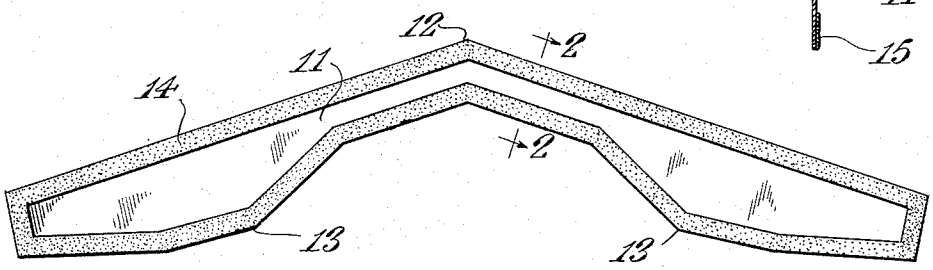


Fig. 2.

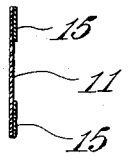
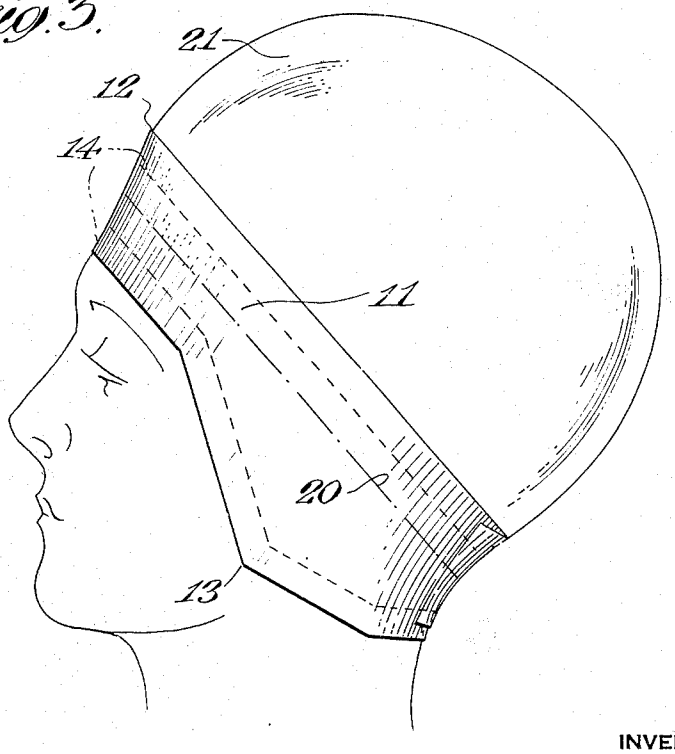


Fig. 3.



INVENTOR
FLORENCE LAMPE
BY
Emery, Booth, Varney & Whittemore
HER ATTORNEYS.

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HEADBAND

Florence C. Lampe, Brooklyn, N. Y.

Application October 11, 1932, Serial No. 637,225

5 Claims. (Cl. 2—68)

This invention relates to head bands for use with bathing caps, and more particularly to head bands for preventing the entrance of water under the edges of bathing caps when they are worn. It is an object of the invention to provide an improved head band for the purposes described. Other objects and advantages of the invention will appear hereinafter.

The invention will be best understood from the following description when read in the light of the accompanying drawing of a specific embodiment of the invention, the scope of which latter will be more particularly pointed out in the appended claims.

In the drawing:

Fig. 1 is a view of the head band;

Fig. 2 is a section through the head band to enlarged scale substantially on the line 2—2 of Fig. 1; and

Fig. 3 is a view showing how the head band is worn.

Bathing caps ordinarily are made of thin rubber, and are designed to fit snugly on the head of the wearer when in use. Even though the cap fits the head tightly, the edge of the cap will not engage the head closely enough to prevent entirely the entrance of water between the edge of the cap and the skin. Caps with specially formed edges, and auxiliary head bands designed to be wrapped around the head before the cap is put on have been proposed for the purpose of keeping a bather's head dry, but so far as this applicant knows none of these devices have proven satisfactory.

According to this invention a new type of head band is provided which effectively prevents the entrance of water between the edge of the ordinary bathing cap and the wearer's head, which may be used without discomfort to the wearer, and which is inexpensive to manufacture.

Referring to the drawing, the head band comprises a strip 11 of waterproof material which preferably is elastic, and which conveniently may be made of thin sheet rubber. Desirably the strip 11 is shaped so as to conform readily to the head of a wearer when it is wrapped in place about the head overlapping the lower edge 20 of the bathing cap 21 which previously has been placed on the head.

In the illustrative embodiment the part designated at 12 is the top center of the head band, and is to be placed in the center of the forehead of the wearer. As shown in Fig. 1, the strip 11 has generally an inverted, wide-mouthed V form, and each leg of the V has a materially wider portion 13 intermediate its ends.

The head band is somewhat longer than the distance around the head at the lower edge of the bathing cap, and the band is applied by wrapping it around the head with the upper edge of the band overlying the edge 20 of the cap 21, and with the two ends of the band overlapping at the back of the neck. The lower edge of the head band engages the skin on the head of the wearer, and the wider portions of the band overlie the wearer's ears, thereby insuring continuous tight contact with the skin, and at the same time permitting free movement of the neck muscles.

The inner surface of the head band is provided with an adhesive layer 14 which engages the lower edge of the cap and the skin of the wearer so as to prevent the entrance of any water under the edge of the cap, and also to hold the head band in place without the use of any other fastening means. Conveniently this adhesive layer is limited to a narrow zone on one surface of the strip extending completely around the edge of the strip, (Fig. 1).

It will be apparent that when the head band is in position on the head of the wearer the adhesive along the upper edge of the band will engage the edge of the cap extending completely around the head, and the adhesive along the lower edge of the band will form a seal with the skin extending completely around the head. The adhesive on the ends of the band complete the seal and help to hold the band securely in position.

The adhesive layer 14 may be applied to the strip 11 in any suitable manner, but conveniently this is done as is illustrated in Fig. 2 by using a narrow, double-faced adhesive tape 15 extending around the edge of the strip on one surface thereof. By way of example, a suitable tape is one in which the adhesive material is that ordinarily used in surgical tape.

The head band is relatively inexpensive to manufacture, and for that reason a new one may be used each time a bathing cap is worn. The head band may be used with bathing caps now commonly in use, and may be applied and removed in a few seconds. The lower edge of the bathing cap is sealed by the band, and entrance of water under the edge of the cap is prevented, thereby protecting the hair of the wearer.

It will be understood that deviations may be made from the specific embodiment of the invention herein described without departing from the spirit of the invention.

I claim:

1. A head band for use with bathing caps comprising a strip of elastic, waterproof material having a relatively narrow, double-faced adhesive tape extending completely around the edge of the strip on one surface thereof.

2. A head band for use with bathing caps comprising a strip of elastic, waterproof material having a relatively narrow zone of adhesive material extending completely around the edge of the strip on one surface thereof.

3. A head band for use with bathing caps comprising a strip of elastic, waterproof material having relatively narrow zones of adhesive material along both longitudinal edges of one surface thereof.

4. A head band for use with bathing caps comprising a strip of waterproof material having relatively narrow zones of adhesive material along both longitudinal edges of one surface thereof to seal the edge of a cap to the head when the band is wrapped about the head overlapping the edge of the cap.

5. A head band for use with bathing caps comprising a strip of waterproof material shaped to be wrapped and fit snugly about the head of a wearer overlapping the edge of a bathing cap and having on one surface thereof, adjacent the edges of the strip, relatively narrow, longitudinally extending zones of adhesive material for sealing the edge of the cap to the head.

FLORENCE C. LAMPE.